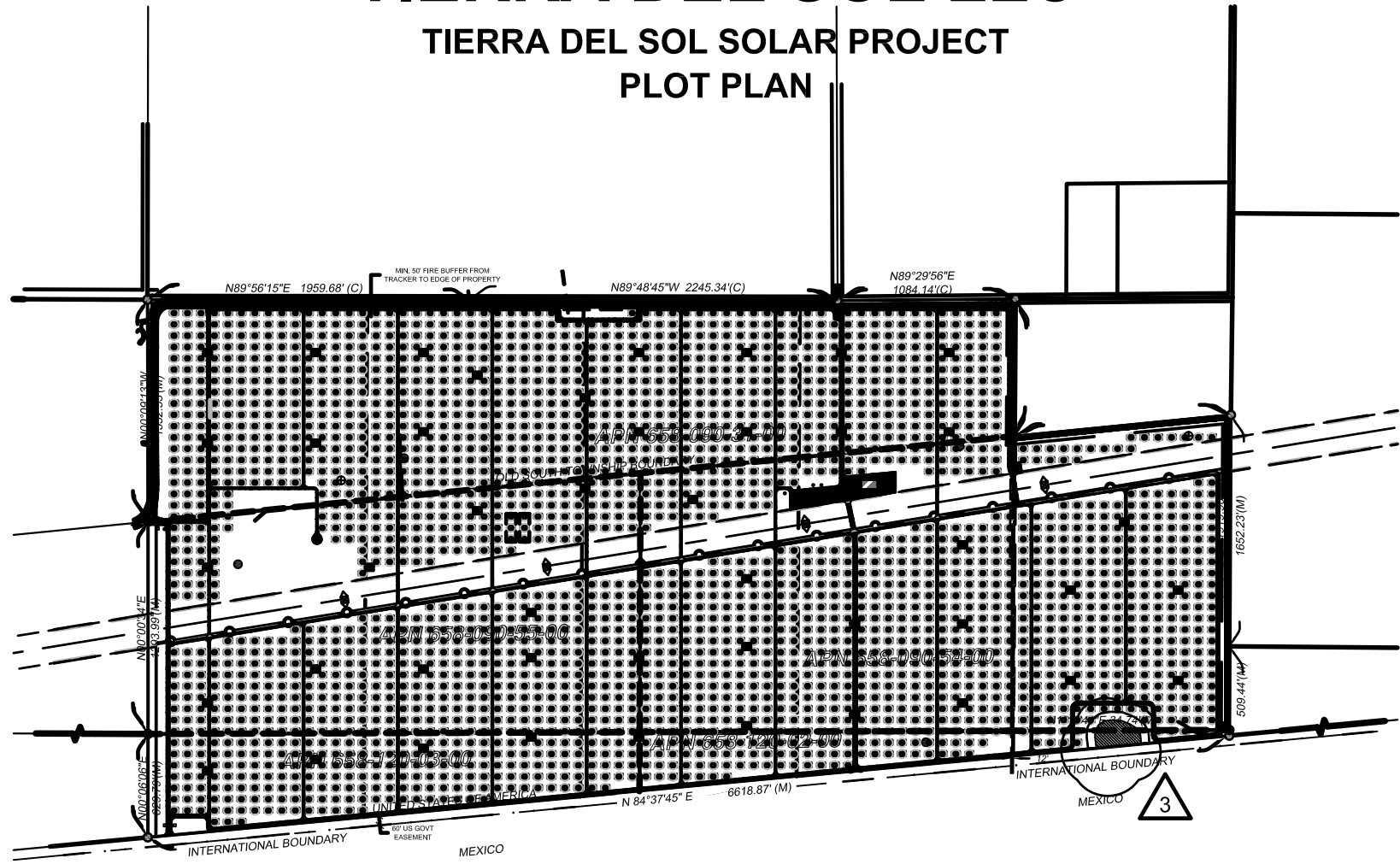


60.0MW SOLAR SYSTEM  
TIERRA DEL SOL LLC  
TIERRA DEL SOL SOLAR PROJECT  
PLOT PLAN



GENERAL NOTES:

- Each tracker assembly is approximately 48 FT wide with a maximum constructed height of 30 FT and spaced approximately 69 FT North to South; 82 FT East to West.
- Entrance to each gate will be from an improved driveway that shall be designed in accordance with the attached details on C-103 and equipped with an emergency key-operated override switch.
- At no point does the change of grade, along the primary access road exceed 10%.
- Detailed cross sections of the roads are provided on the preliminary grading plan.
- All compaction requirements are listed on the preliminary grading plan.
- Turnaround shall be designed in accordance with County of San Diego Design Standard DS-06 for a county emergency fire apparatus.
- The project site is not located in a designated flood plain, therefore lines of inundation are not shown.
- Temporary and Permanent BMPs are shown on the preliminary grading plan.
- All coordinates shown are state plane coordinates based on CCS83, Zone 6 (2007.00 Epoch).
- All dimensions are shown in Decimal Feet.

11. The solar related facilities (panels, electrical connections, transformer/inverter platform, O&M buildings, emergency generator, fencing, internal access and switchgear pad, etc.) shown on the plot plans may be relocated, (exclusive of the open space areas & undeveloped future development area)) with the administrative approval of the director of dplu when found in conformance with the intent and conditions of the permit's approval. Transformer/inverter platform locations can be relocated/reconfigured without requirement of minor deviation.

12. Solar related facilities (panels, electrical connections, transformer / inverter platform, emergency generator, fencing, internal access and switchgear platform, etc.) shown on the plot plan maybe relocated, reconfigured, and / or resized within the solar facility development area (exclusive of any open space areas & undeveloped (future development areas)) with the administrative approval of the director of PDS when found in conformance with the intent and conditions of permit's approval. Transformer / Inverter / Generator size, locations, brand, electrical size can be relocated, replaced or reconfigured without requirement of minor deviation.

13. Areas designated as "SPECIAL FUEL MODIFICATION ZONES" are to be cleared of existing vegetation, then covered with landscaping fabric and weighted down using a surfacing material of crushed stone.

14. Along the length of the perimeter fencing, every 750 feet a pedestrian gate will be located that is 3 feet wide and padlocked with a chain and fire key.

15. Roads moved per fire department.

ABBREVIATIONS:

- AC Alternating Current  
ADT Average Daily Trips  
BB Building Block  
BMP Best Management Practice  
CCS California Coordinate System  
CEQA California Environmental Quality Act  
CPV Concentrating Photovoltaic  
CFA County Fire Authority  
DEH Department of Environmental Health  
PDS County of San Diego, Planning and Development Services  
EIR Environmental Impact Report  
EOP Edge of Pavement  
FT Feet  
IOD Irrevocable Offer of Dedication  
kV kilovolt  
kW kilowatts  
MAX Maximum  
MOU Memorandum of Understanding  
MPA Major Use Permit Application  
MUP Major Use Permit  
MW Megawatts  
NTS Not to Scale  
PL Property Lines  
QTY Quantity  
RL Rural Land  
ROW Right of Way  
RPO Resource Protection Ordinance

SHEET INDEX

- C-100 LEGEND, SYMBOLS, ABBREVIATIONS & NOTES  
C-101 PLOT PLAN  
C-102 EASEMENT PLAN  
C-103 ROAD DETAILS  
C-104 ROAD DETAILS  
C-130 1.36 / 2.0 MW INVERTER BOX DESIGN  
C-131 O&M BUILDING  
C-132 FENCE ELEVATION DETAIL  
C-133 TRACKER ELEVATION DETAIL  
C-134 34.5kV OVERHEAD / WATER TANK ELEVATION DETAIL  
C-401 GEN-TIE PLOT PLAN NORTH SIDE  
C-402 GEN-TIE PLOT PLAN SOUTH SIDE  
C-405 GEN-TIE POLE & TRENCH DETAIL

RESERVED FOR COUNTY STAMPS

PARCEL ZONING SETBACK SCHEDULE

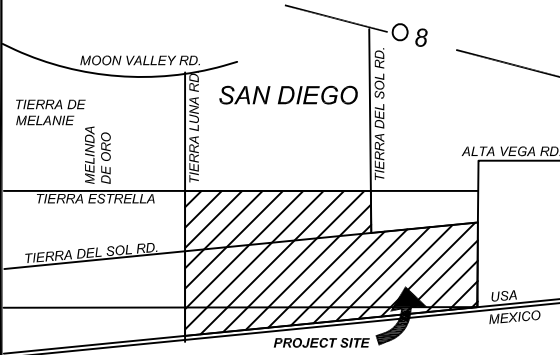
APN	SETBACK SCHEDULE DESIGNATION
658-090-31	D
658-090-55	D
658-120-03	D
658-090-54	D
658-120-02	D

\* THIS PLAN IS EXEMPT FROM THE SETBACK SCHEDULE PURSUANT TO ZONING ORDINANCE 4813

COVERAGE TABLE

UNIT	# UNITS	ACRES / UNIT
TRACKER	2657	0.026
INVERTER	45-48	0.005
O&M	1	0.172
SUBSTATION	1	0.126
TOTAL ACRES =		67

VICINITY MAP



OWNER INFORMATION

NAME: Brown Family Trust, Brown & Reynolds Trust  
ADDRESS: 1116 W. 7th Street PMB 158  
CITY: Columbia  
STATE: TN  
ZIP: 38401  
PHONE:  
FAX:  
EMAIL:

CONTACT INFORMATION

NAME: Pat Brown  
ADDRESS: 16550 Via Esprillo  
CITY: San Diego  
STATE: CA  
ZIP: 92127  
PHONE: (858) 746-9000  
FAX:  
EMAIL: patrick.brown@soitec.com

PARCEL INFORMATION

APN: 6580903100, 6580905500, 6581200300, 6581200200, 6580905400  
SITE ADDRESS:  
796 Tierra del Sol Road,  
Boulevard, CA 91905  
I CERTIFY THAT I HAVE READ ALL ZONING REGULATIONS AND BEST MANAGEMENT PRACTICES (BMPs) NOTES AND THAT I AM THE DESIGNER OF THE PROPOSED PROJECT.  
DESIGNER SIGNATURE REQUIRED DATE

PROJECT INFORMATION

**EXISTING:**  
Relatively level land on the southern and central portions of the site with rolling rock and boulder covered hills on the northwestern portion. The site is minimally developed with unpaved roads.  
**PROPOSED:**  
60 Megawatt (MW) project, constructed in two phases, located on approximately 420 acres and includes the construction and operation of approximately 2657 Concentrated Photovoltaic (CPV) trackers configured into 45 (1.36 MW) BB that consist of 56 trackers with associated Inverter and Transformer.

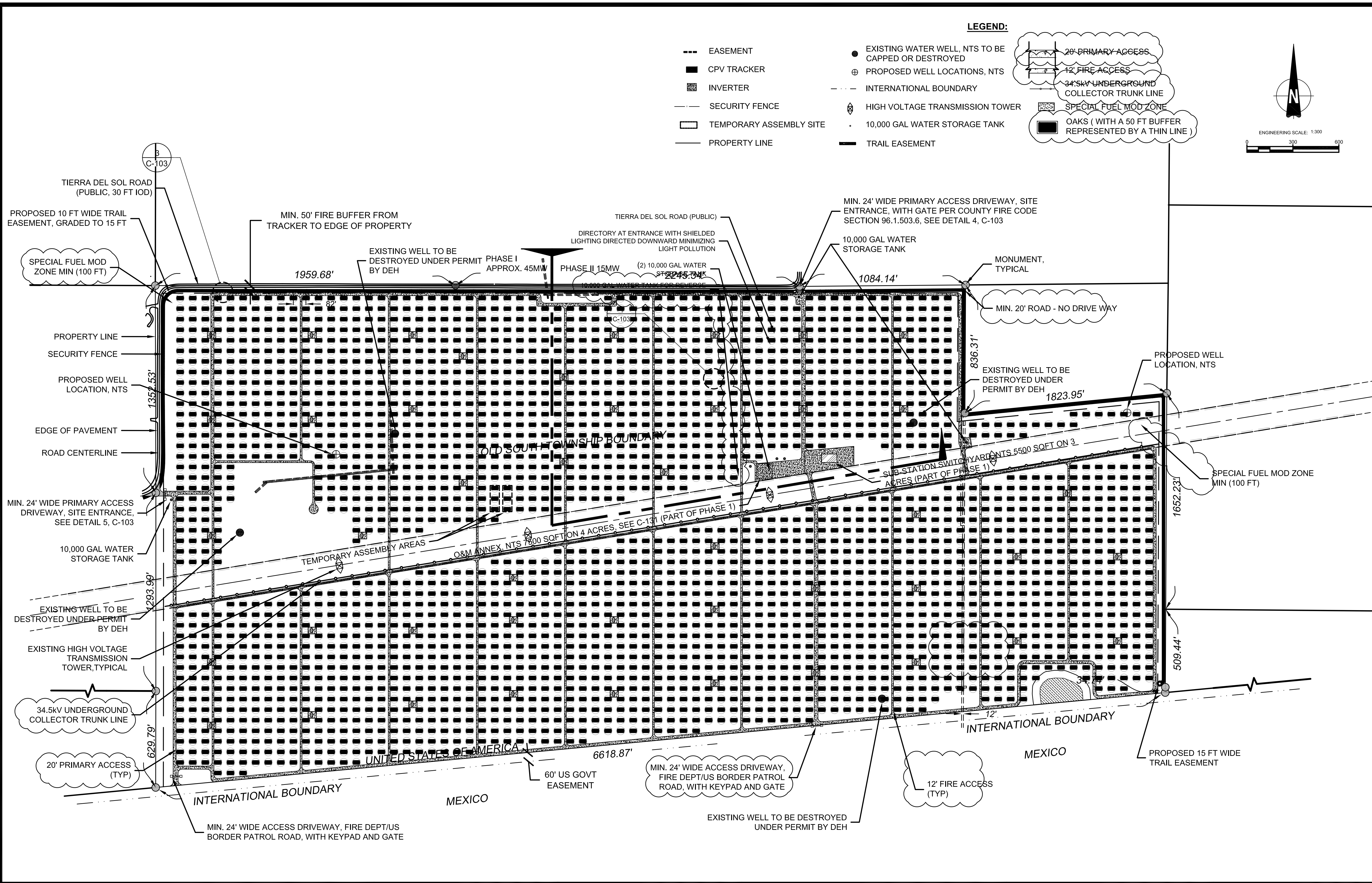
PLOT PLAN INFORMATION

**CPV System Summary**  
Approx. Number of Trackers: 2657  
Tracker per BB: 56  
Number of BB: 61  
Total AC Capacity (MWs): Approx. 60 MW  
Inverter Skid AC Capacity (MWs): 1.36 to 2.0  
No. of 1.36 MW Inverter Skids: 45-48  
Total Lot Size (Acres): Approx. 420  
Estimated Disturbed Acreage: 420  
Coverage Ratio: 16%

LEGEND, SYMBOLS  
ABBREVIATIONS  
& NOTES

SHEET NUMBER REV.

C-100 1



**AECOM**

DESIGNER

**AECOM**

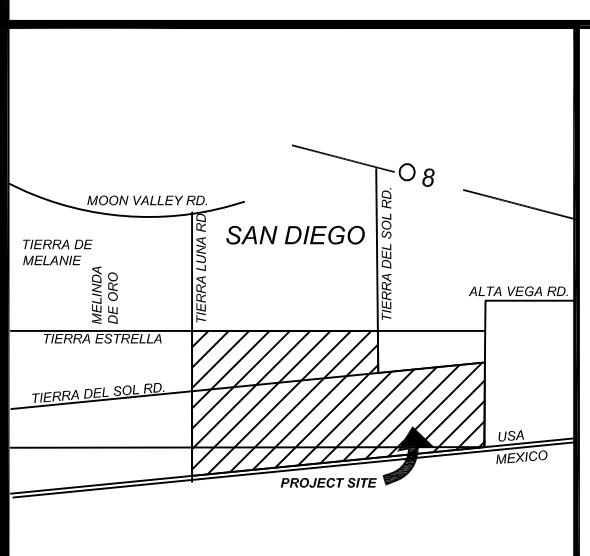
AECOM TECHINCAL SERVICES, INC  
440 Stevens Avenue, Suite 250  
Solana Beach, CA 98075  
858.947.7144 tel 858.947.7145 fax  
www.aecom.com

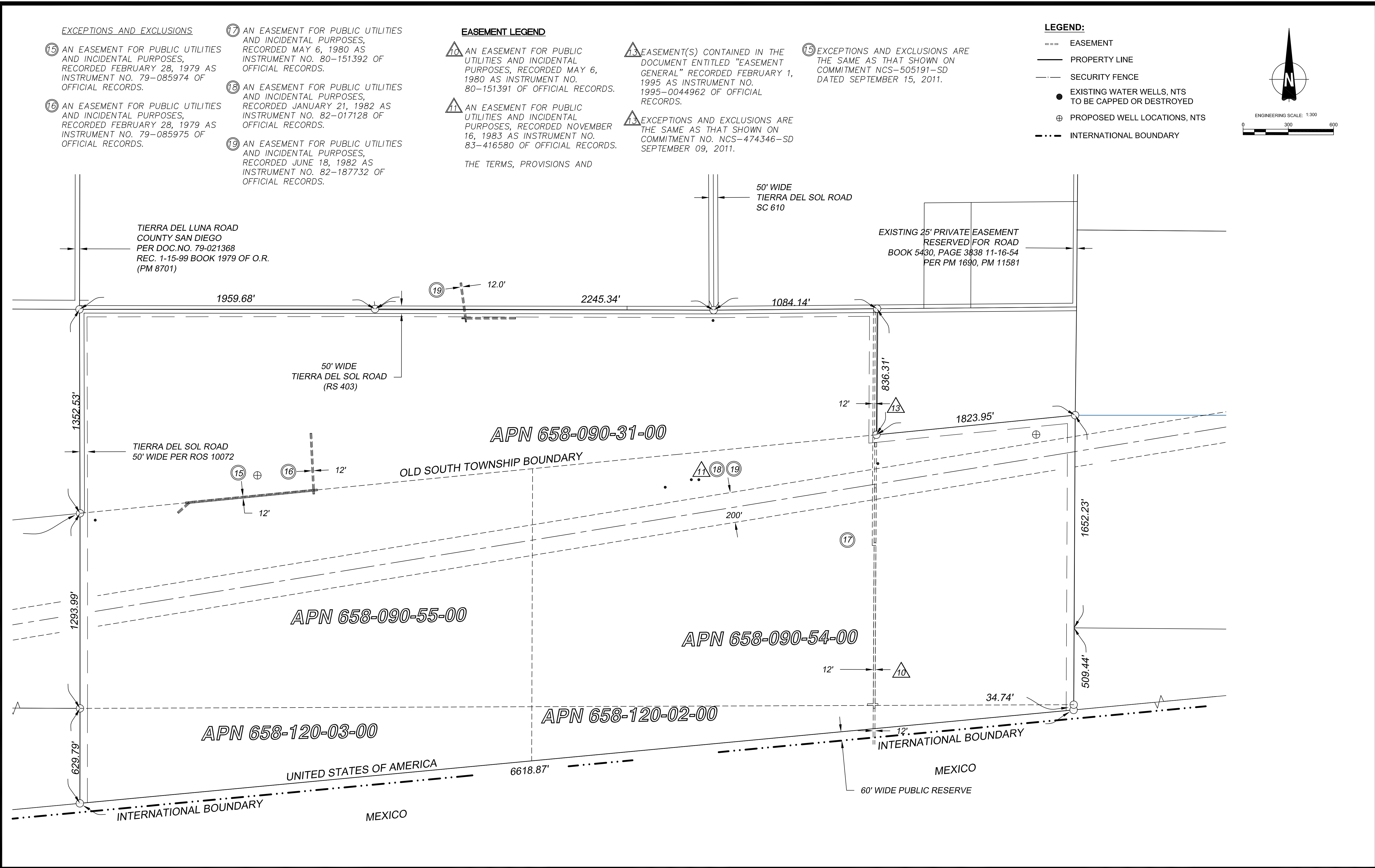
CLIENT



Soitec Solar Development, LLC

16550 Via Esprillo  
San Diego, CA 92127

VICINITY MAP		OWNER INFORMATION	CONTACT INFORMATION	PARCEL INFORMATION	PROJECT INFORMATION	PLOT PLAN INFORMATION	SHEET TITLE	
		NAME: Brown Family Trust, Brown & Reynolds Trust	NAME: Pat Brown	APN: 6580903100, 6580905500, 6581200300, 6581200200, 6580905400 SITE ADDRESS: 796 Tierra del Sol Road, Boulevard, CA 91905	<b>EXISTING:</b> Relatively level land on the southern and central portions of the site with rolling rock and boulder covered hills on the northwestern portion. The site is minimally developed with unpaved roads.  <b>PROPOSED:</b> 60 Megawatt (MW) project, constructed in two phases, located on approximately 420 acres and includes the construction and operation of approximately 2657 Concentrated Photovoltaic (CPV) trackers configured into 45 (1.36 MW) BB that consist of 56 trackers with associated Inverter and Transformer.	<b>CPV System Summary</b>	<b>PLOT PLAN</b>	
		ADDRESS: 1116 W. 7th Sreet PMB 158	ADDRESS: 16550 Via Esprillo	Approx. Number of Trackers: 2657				
		CITY: Columbia	CITY: San Diego	I CERTIFY THAT I HAVE READ ALL ZONING REGULATIONS AND BEST MANAGEMENT PRACTICES (BMPs) NOTES AND THAT I AM THE DESIGNER OF THE PROPOSED PROJECT.	Tracker per BB: 56			
		STATE: TN	STATE: CA		Number of BB: 61			
		ZIP: 38401	ZIP: 92127		Total AC Capacity (MWs): Approx. 60 MW			
		PHONE:	PHONE: (858) 746-9000		Inverter Skid AC Capacity (MWs): 1.36 to 2.0			
		FAX:	FAX:		No. of 1.36 MW Inverter Skids: 45-48			
		EMAIL:	EMAIL: patrick.brown@soltec.com		Total Lot Size (Acres): Approx. 420			
		DESIGNER SIGNATURE REQUIRED	DATE	Estimated Disturbed Acreage: 420	<b>SHEET NUMBER</b>  <b>C-101</b>		<b>REV.</b>  <b>1</b>	
				Coverage Ratio: 16%				



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DESIGNER

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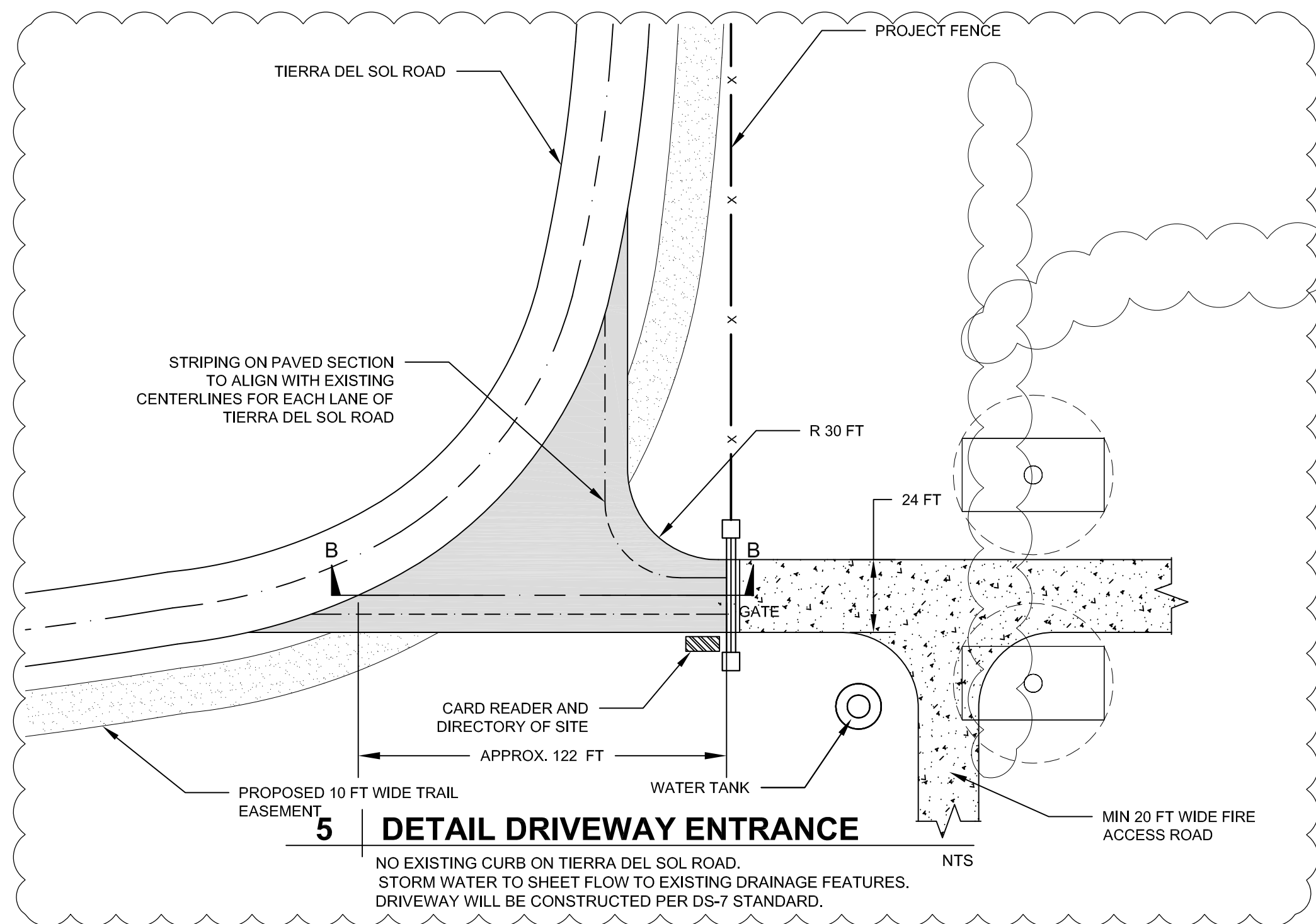
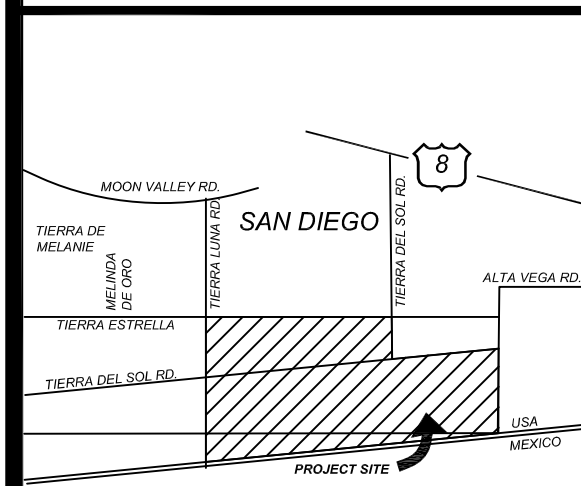
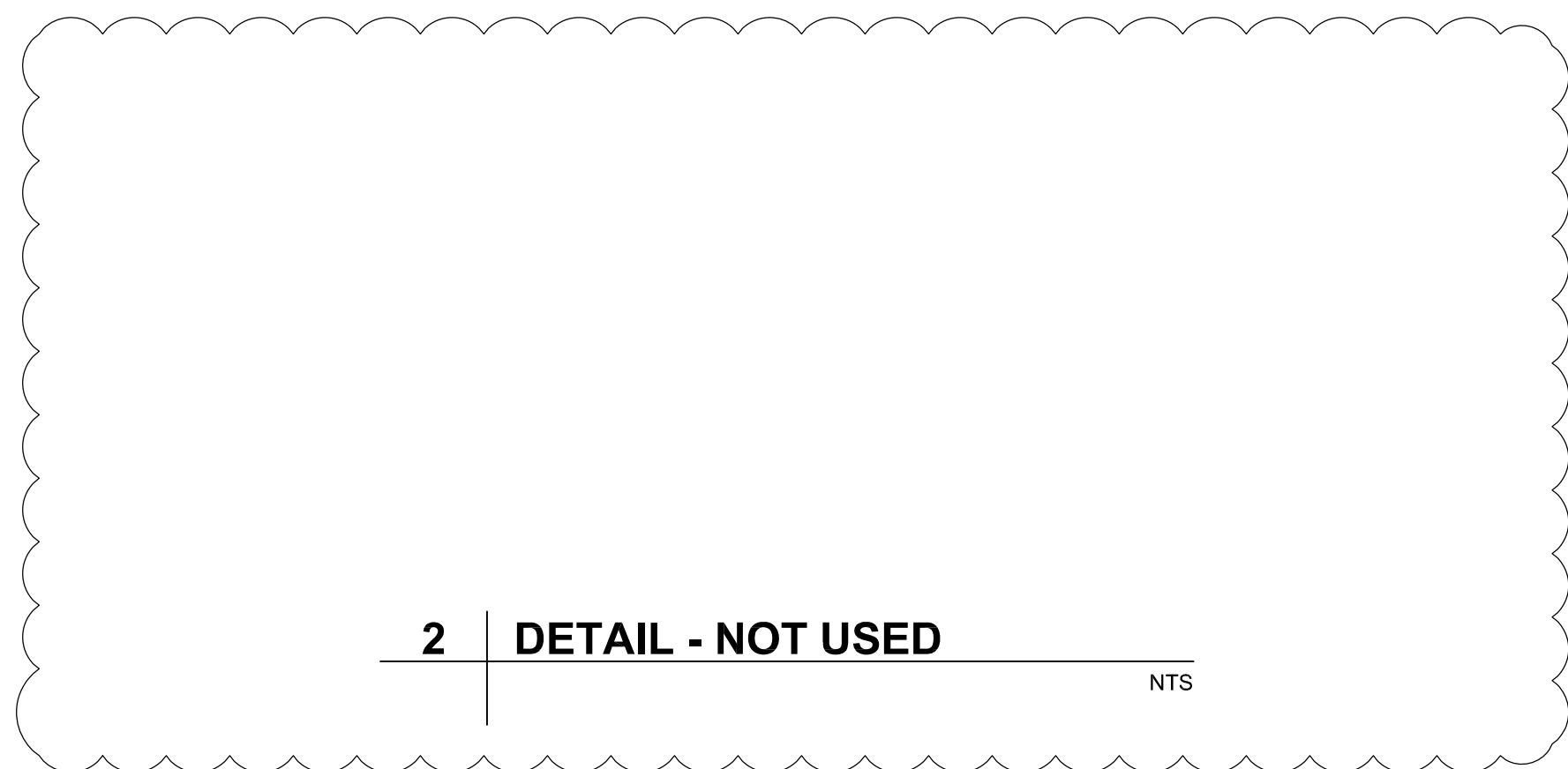
**Soitec**

**Soitec**


**Soitec Solar Development, LLC**

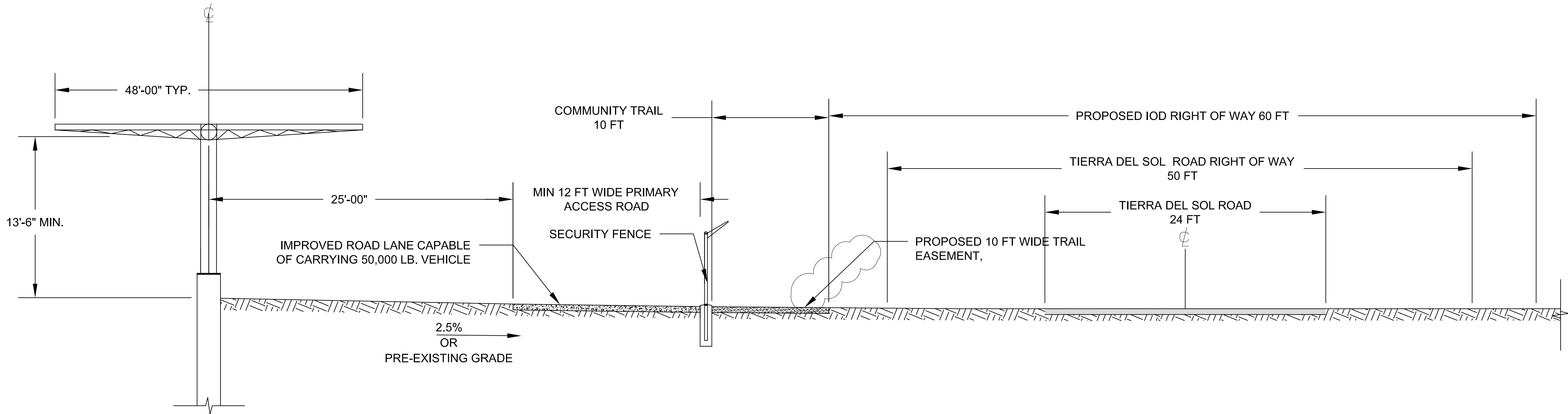
16550 Via Esprillo  
San Diego, CA 92127

VICINITY MAP		OWNER INFORMATION	CONTACT INFORMATION	PARCEL INFORMATION	PROJECT INFORMATION	PLOT PLAN INFORMATION	SHEET TITLE	
		NAME: Brown Family Trust, Brown & Reynolds Trust	NAME: Pat Brown	APN: 6580903100, 6580905500, 6581200300, 6581200200, 6580905400 SITE ADDRESS: 796 Tierra del Sol Road, Boulevard, CA 91905	<b>EXISTING:</b> Relatively level land on the southern and central portions of the site with rolling rock and boulder covered hills on the northwestern portion. The site is minimally developed with unpaved roads.  <b>PROPOSED:</b> 60 Megawatt (MW) project, constructed in two phases, located on approximately 420 acres and includes the construction and operation of approximately 2657 Concentrated Photovoltaic (CPV) trackers configured into 45 (1.36 MW) BB that consist of 56 trackers with associated Inverter and Transformer.	<b>CPV System Summary</b> Approx. Number of Trackers: 2657 Tracker per BB: 56 Number of BB: 61 Total AC Capacity (MWs): Approx. 60 MW Inverter Skid AC Capacity (MWs): 1.36 to 2.0 No. of 1.36 MW Inverter Skids: 45-48 Total Lot Size (Acres): Approx. 420 Estimated Disturbed Acreage: 420 Coverage Ratio: 16%	<b>EASEMENT PLAN</b>	
		ADDRESS: 1116 W. 7th Street PMB 158	ADDRESS: 16550 Via Esprillo	I CERTIFY THAT I HAVE READ ALL ZONING REGULATIONS AND BEST MANAGEMENT PRACTICES (BMPs) NOTES AND THAT I AM THE DESIGNER OF THE PROPOSED PROJECT:		<b>SHEET NUMBER</b> <b>C-102</b>		
		CITY: Columbia	CITY: San Diego				DESIGNER SIGNATURE REQUIRED _____ DATE _____	
STATE: TN	STATE: CA							
ZIP: 38401	ZIP: 92127							
PHONE:	PHONE: (858) 746-9000							
FAX:	FAX:							
EMAIL:	EMAIL: patrick.brown@soltec.com							



16550 Via Esprillo  
San Diego, CA 92127

VICINITY MAP		OWNER INFORMATION		CONTACT INFORMATION		PARCEL INFORMATION		PROJECT INFORMATION		PLOT PLAN INFORMATION		SHEET TITLE	
		NAME: Brown Family Trust, Brown & Reynolds Trust		NAME: Pat Brown		APN: 6580903100, 6580905500, 6581200300, 6581200200, 6580905400 SITE ADDRESS: 796 Tierra del Sol Road, Boulevard, CA 91905		<b>EXISTING:</b> Relatively level land on the southern and central portions of the site with rolling rock and boulder covered hills on the northwestern portion. The site is minimally developed with unpaved roads.  <b>PROPOSED:</b> 60 Megawatt (MW) project, constructed in two phases, located on approximately 420 acres and includes the construction and operation of approximately 2657 Concentrated Photovoltaic (CPV) trackers configured into 45 (1.36 MW) BB that consist of 56 trackers with associated Inverter and Transformer.		<b>CPV System Summary</b>		<b>ROAD DETAILS</b>	
		ADDRESS: 1116 W. 7th Street PMB 158		ADDRESS: 16550 Via Esprillo						Approx. Number of Trackers: 2657			
		CITY: Columbia		CITY: San Diego		Tracker per BB: 56							
		STATE: TN		STATE: CA		Number of BB: 61				Total AC Capacity (MWs): Approx. 60 MW		<b>SHEET NUMBER</b>	<b>REV.</b>
		ZIP: 38401		ZIP: 92127		I CERTIFY THAT I HAVE READ ALL ZONING REGULATIONS AND BEST MANAGEMENT PRACTICES (BMPs) NOTES AND THAT I AM THE DESIGNER OF THE PROPOSED PROJECT:				Inverter Skid AC Capacity (MWs): 1.36 to 2.0		<b>C-103</b>	
PHONE:		PHONE: (858) 746-9000		No. of 1.36 MW Inverter Skids: 45-48									
FAX:		FAX:		Total Lot Size (Acres): Approx. 420									
EMAIL:		EMAIL: patrick.brown@soltec.com		DESIGNER SIGNATURE REQUIRED		DATE		Estimated Disturbed Acreage: 420					
								Coverage Ratio: 16%					



6 | TYPICAL CROSS SECTION  
NTS

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DESIGNER

**AECOM**

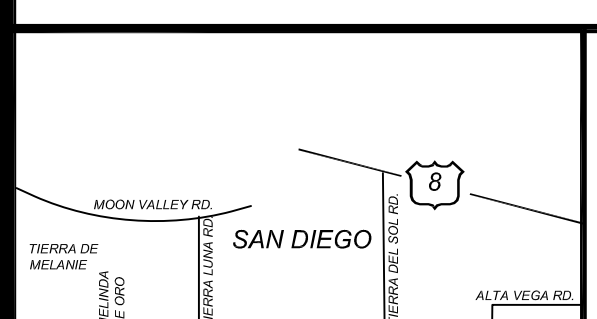
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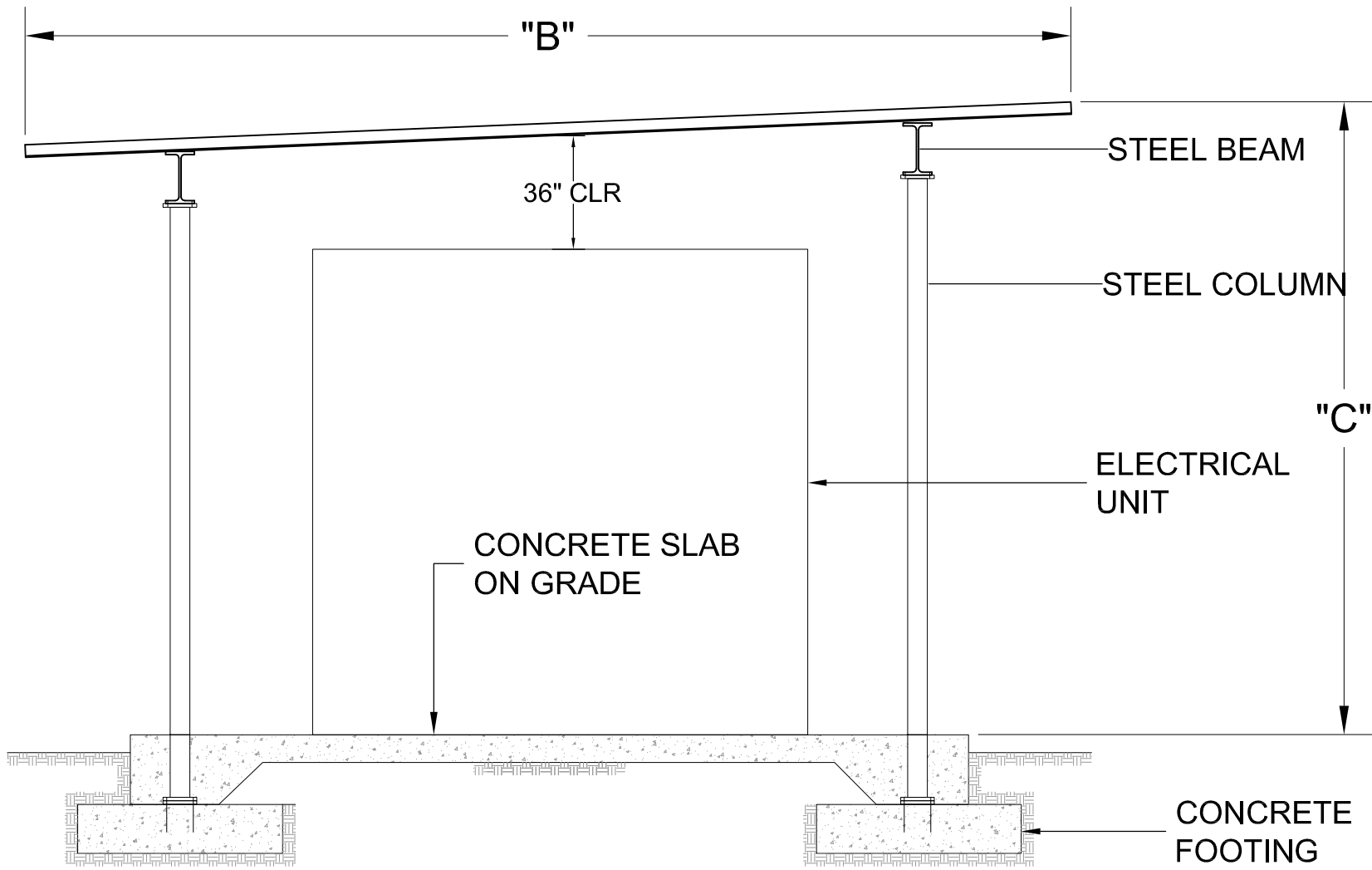
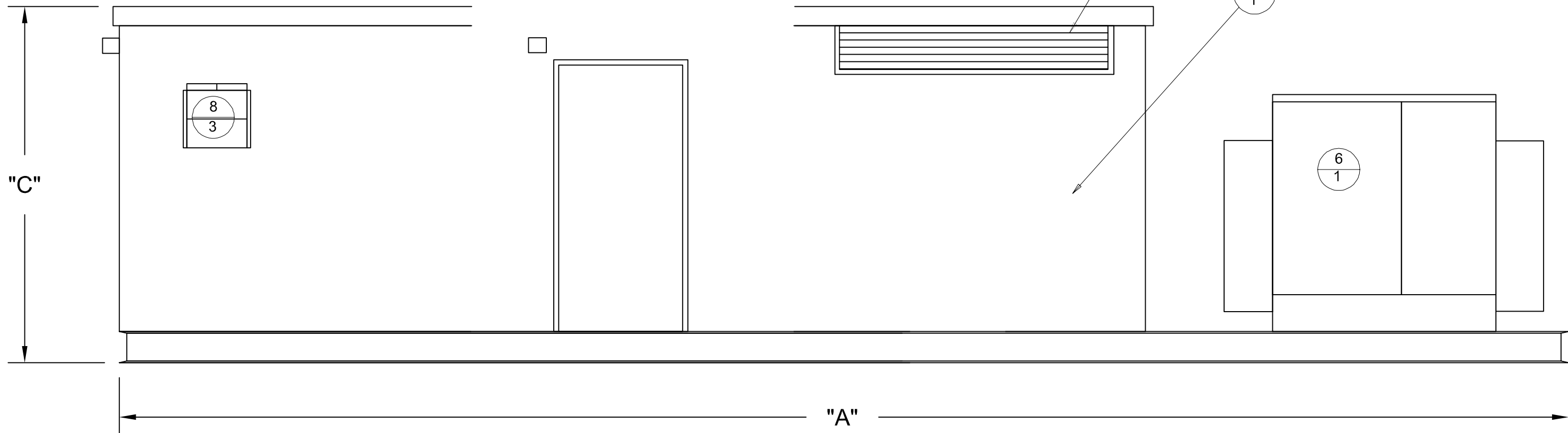
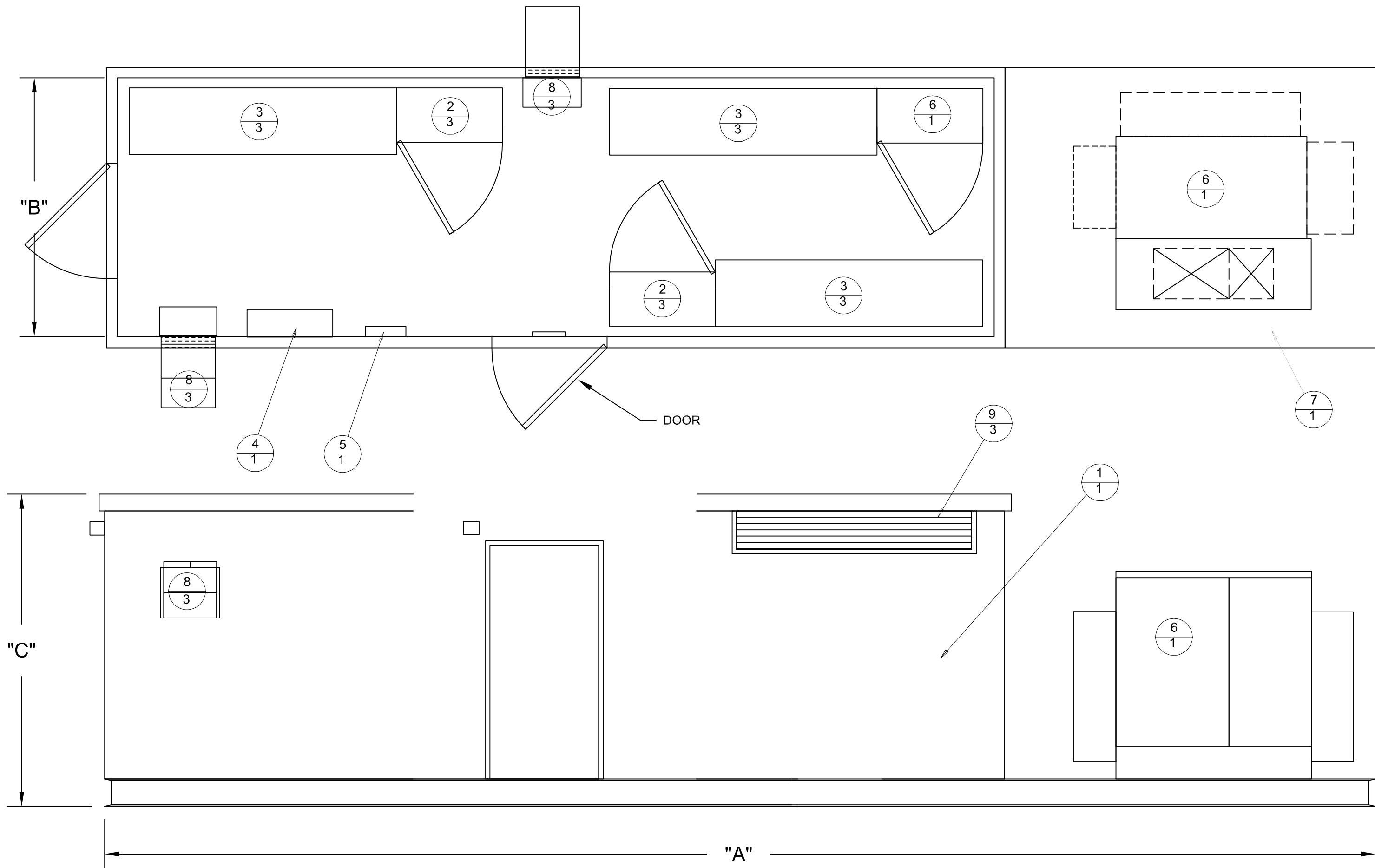
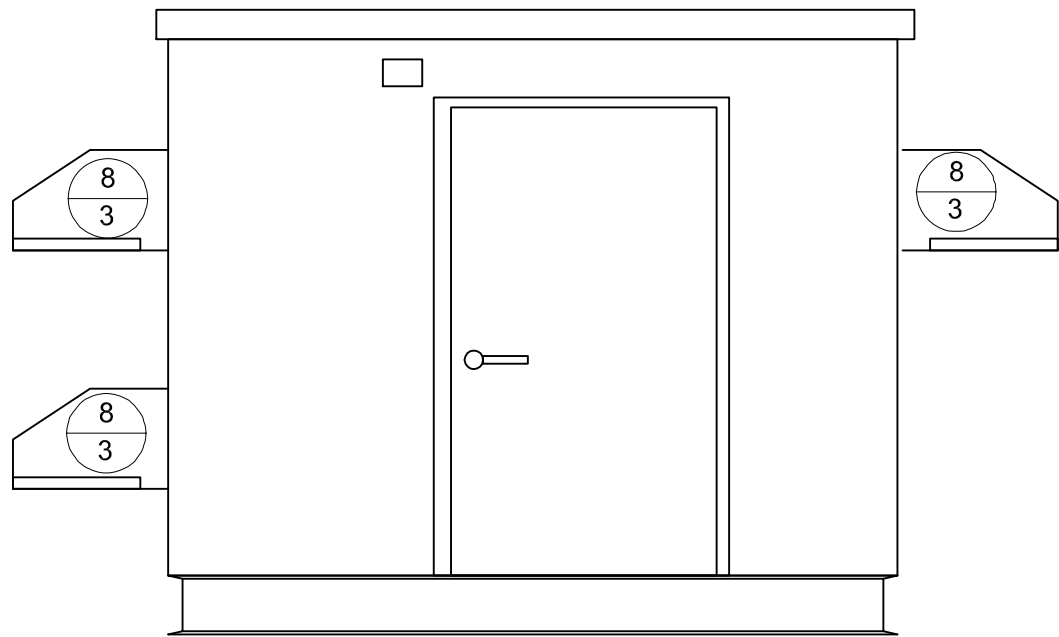
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		ADDRESS: 1116 W. 7th Sreet PMB 158	ADDRESS: 16550 Via Esprillo	SITE ADDRESS: 796 Tierra del Sol Road, Boulevard, CA 91905		Approx. Number of Trackers: 2657	Tracker per BB: 56	
		CITY: Columbia	CITY: San Diego			Number of BB: 61	Total AC Capacity (MWs): Approx. 60 MW	
		STATE: TN	STATE: CA			Inverter Skid AC Capacity (MWs): 1.36 to 2.0	No. of 1.36 MW Inverter Skids: 45-48	
		ZIP: 38401	ZIP: 92127			Total Lot Size (Acres): Approx. 420	Estimated Disturbed Acreage: 420	
		PHONE: (858) 746-9000	PHONE: (858) 746-9000			Coverage Ratio: 16%		
		FAX:	FAX:					
		EMAIL:	EMAIL: patrick.brown@soltec.com					
				DESIGNER SIGNATURE REQUIRED	DATE			

INVERTER DIMENSION			
INVERTER RATING (MW)	DIMENSION ( FT )		
	"A"	"B"	"C"
1.36	25	10	12
2.00	40	10	12

REV	ITEM	QTY	DESCRIPTION
	1	1	PRECAST SHELTER
	2		PRIMARY RE-COMBINER BOX, 16 X 150A MCCC (QTY OF 2 OR 3)
	3		XC 680 INVERTER (QTY OF 2 OR 3)
	4	1	SCADA
	5	1	POWER PANEL
	6	1	TRANSFORMER
	7	1	STEEL SKID
	8	3	INTAKE AIR FANS
	9	3	EXHAUST LOUVERS



- OPEN INVERTER ON SKID WITH SUN SHADE

Scale: NA

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DESIGNER

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AECOM TECHINCAL SERVICES, INC  
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Solana Beach, CA 98075  
858.947.7144 tel 858.947.7145 fax  
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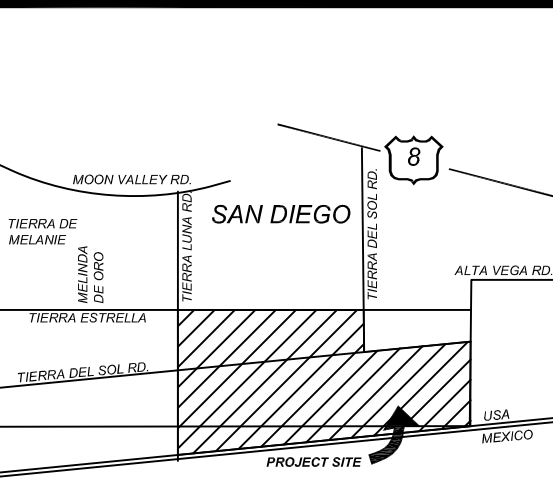
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Soitec Solar Development, LLC

16550 Via Esprillo  
San Diego, CA 92127

VICINITY MAP



OWNER INFORMATION

NAME: Brown Family Trust, Brown & Reynolds Trust  
ADDRESS: 1116 W. 7th Street PMB 158  
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STATE: TN  
ZIP: 38401  
PHONE:  
FAX:  
EMAIL:

CONTACT INFORMATION

NAME: Pat Brown  
ADDRESS: 16550 Via Esprillo  
CITY: San Diego  
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APN: 6580903100, 6580905500, 6581200300, 6581200200, 6580905400  
SITE ADDRESS:  
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I CERTIFY THAT I HAVE READ ALL ZONING REGULATIONS AND BEST  
MANAGEMENT PRACTICES (BMPs) NOTES AND THAT I AM THE DESIGNER  
OF THE PROPOSED PROJECT.

DESIGNER SIGNATURE REQUIRED DATE

PROJECT INFORMATION

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Relatively level land on the southern and central portions of the site with rolling rock and boulder covered hills on the northwestern portion. The site is minimally developed with unpaved roads.

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PLOT PLAN INFORMATION

**CPV System Summary**

Approx. Number of Trackers:	2657
Tracker per BB:	56
Number of BB:	61
Total AC Capacity (MWs):	Approx. 60 MW
Inverter Skid AC Capacity (MWs):	1.36 to 2.0
No. of 1.36 MW Inverter Skids:	45-48
Total Lot Size (Acres):	Approx. 420
Estimated Disturbed Acreage:	420
Coverage Ratio:	16%

SHEET TITLE

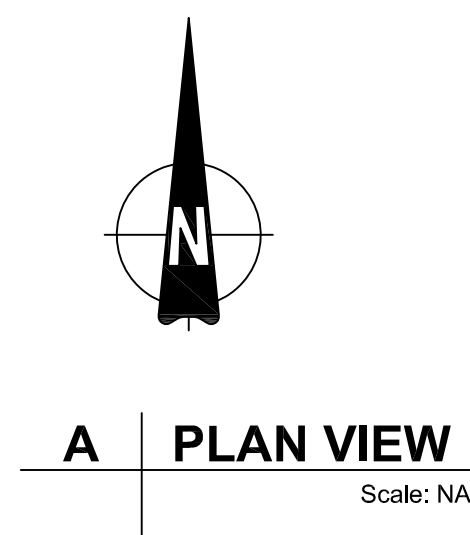
1.36 / 2.0 MW INVERTER  
BOX DESIGN

SHEET NUMBER

C-130

REV.

1



- ## NOTES
1. PARKING LOT WILL BE AN IMPROVED SURFACE OF 6" D/G ON EXISTING SOIL.
  2. PRELIMINARY SEPTIC DESIGN IS FOR DISCRETIONARY REVIEW ONLY. FINAL SEPTIC LAYOUT DESIGN WILL BE PROVIDED WITH BUILDING PLANS.
  3. NEAREST WELL IS 800 FT FROM SEPTIC SYSTEM.

VICINITY MAP		OWNER INFORMATION		CONTACT INFORMATION		PARCEL INFORMATION		PROJECT INFORMATION		PLOT PLAN INFORMATION		SHEET TITLE			
		NAME: Brown Family Trust, Brown & Reynolds Trust	NAME: Pat Brown	APN: 6580903100, 6580905500, 6581200300, 6581200200, 6580905400 SITE ADDRESS: 796 Tierra del Sol Road, Boulevard, CA 91905		EXISTING: Relatively level land on the southern and central portions of the site with rolling rock and boulder covered hills on the northwestern portion. The site is minimally developed with unpaved roads.  PROPOSED: 60 Megawatt (MW) project, constructed in two phases, located on approximately 420 acres and includes the construction and operation of approximately 2657 Concentrated Photovoltaic (CPV) trackers configured into 45 (1.36 MW) BB that consist of 56 trackers with associated Inverter and Transformer.		CPV System Summary		Approx. Number of Trackers: 2657 Tracker per BB: 56 Number of BB: 61 Total AC Capacity (MWs): Approx. 60 MW Inverter Skid AC Capacity (MWs): 1.36 to 2.0 No. of 1.36 MW Inverter Skids: 45-48 Total Lot Size (Acres): Approx. 420 Estimated Disturbed Acreage: 420 Coverage Ratio: 16%		O & M BUILDING			
		ADDRESS: 1116 W. 7th Street PMB 158	ADDRESS: 16550 Via Esprillo	I CERTIFY THAT I HAVE READ ALL ZONING REGULATIONS AND BEST MANAGEMENT PRACTICES (BMPs) NOTES AND THAT I AM THE DESIGNER OF THE PROPOSED PROJECT:				SHEET NUMBER						REV.	
		CITY: Columbia	CITY: San Diego									C-131		1	
		STATE: TN	STATE: CA												
		ZIP: 38401	ZIP: 92127												
		PHONE:	PHONE: (858) 746-9000												
		FAX:	FAX:												
		EMAIL:	EMAIL: patrick.brown@soltec.com			DESIGNER SIGNATURE REQUIRED DATE									